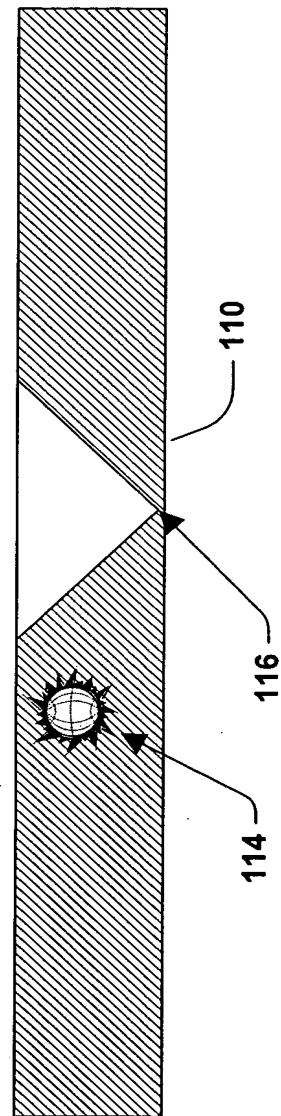
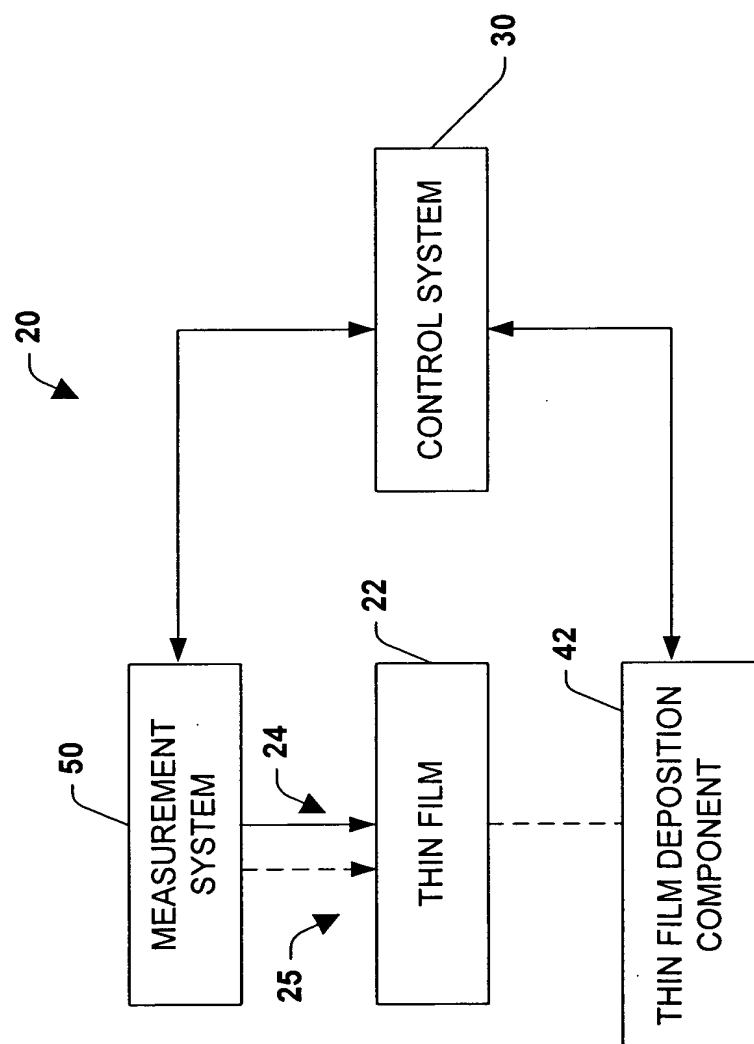


Fig. 1





**Fig. 2**

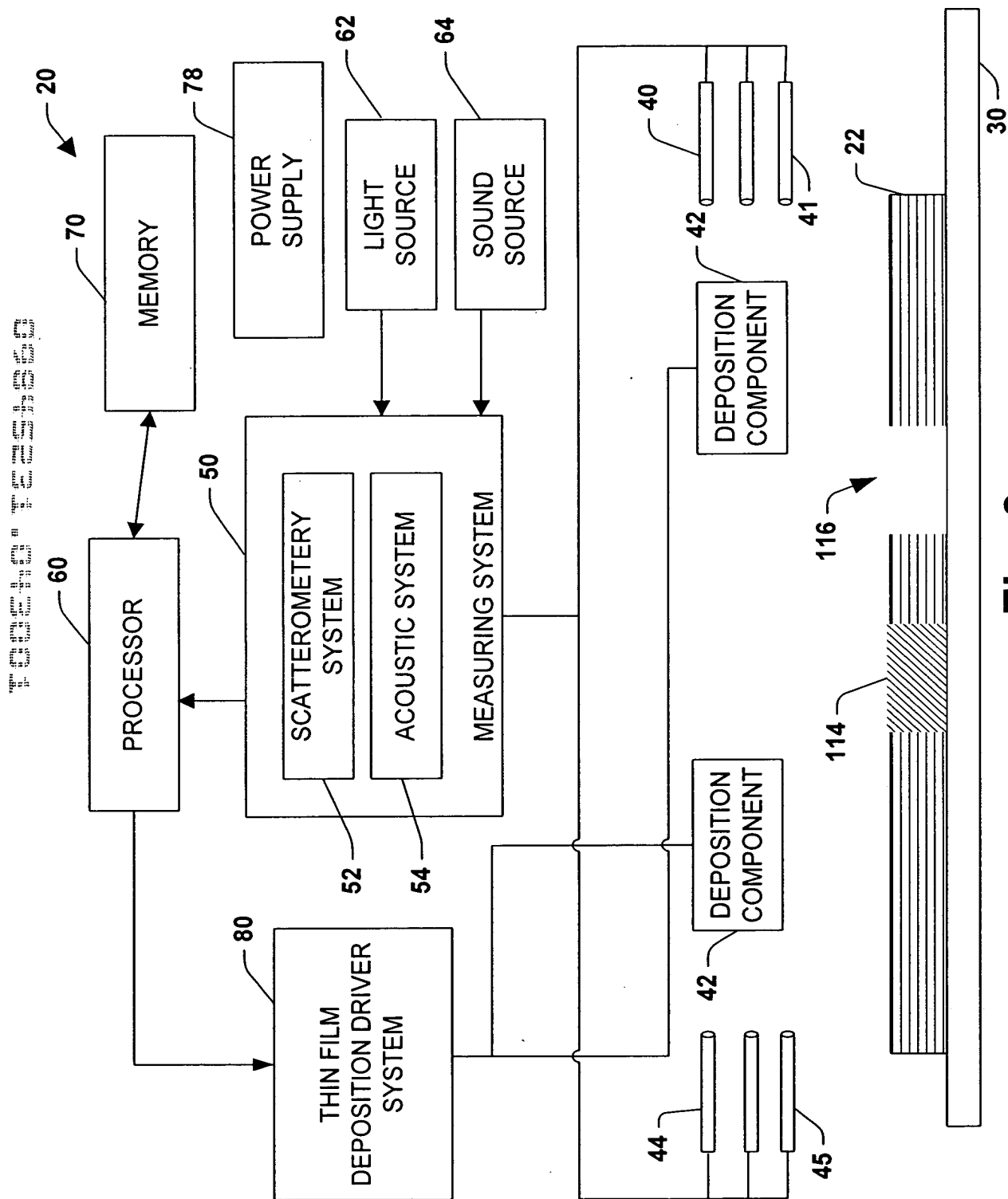


FIG. 4 is a schematic diagram of a system 20 for measuring a property of a material 22. The system 20 includes a processor 60, a measuring system 50, and a light source 62. The processor 60 is connected to the measuring system 50, which is connected to the light source 62. The measuring system 50 includes a detector 44 and a light source 40. The detector 44 is connected to the processor 60. The light source 40 is connected to the detector 44. The system 20 is used to measure a property of a material 22. The material 22 is a substrate 114 with a layer 116 on its surface. The layer 116 contains a feature 118. The system 20 is used to measure the property of the material 22 by illuminating the material 22 with light from the light source 40 and detecting the reflected light with the detector 44. The processor 60 processes the detected light to determine the property of the material 22.

20

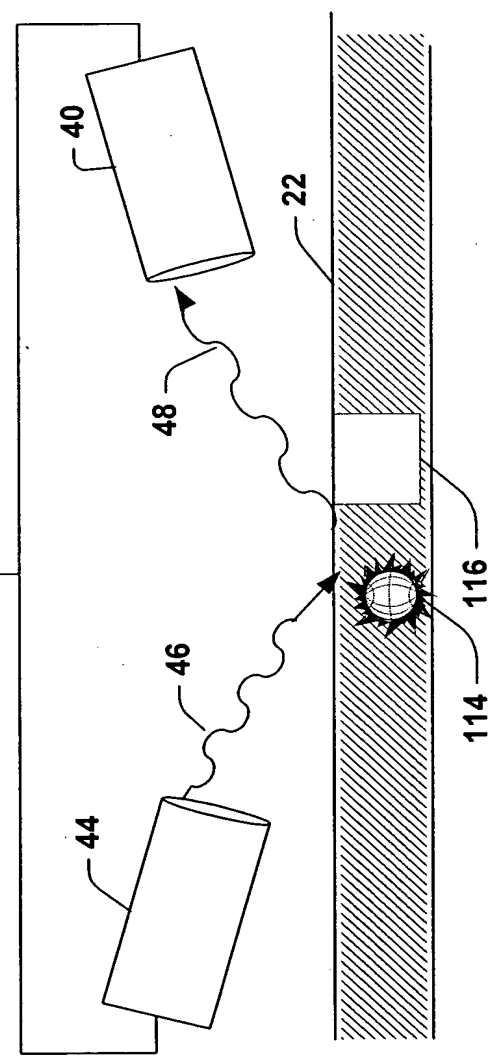
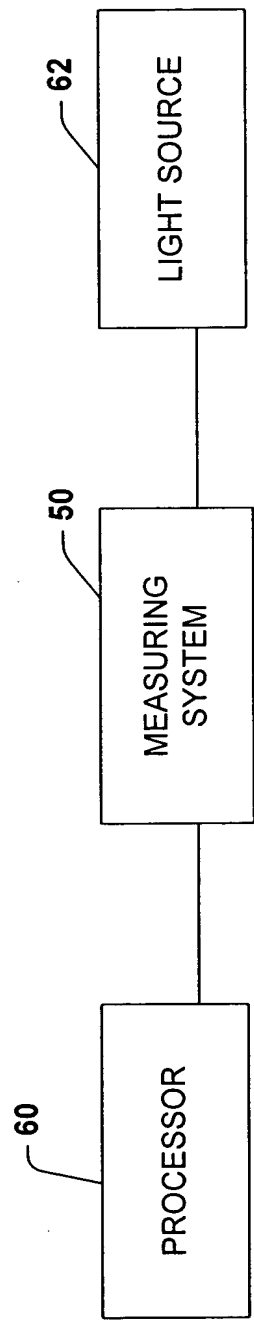
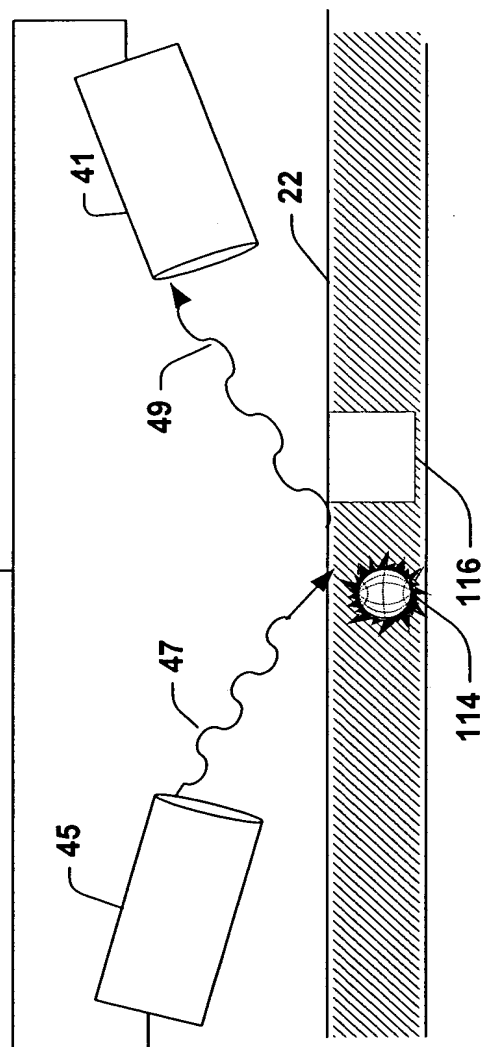
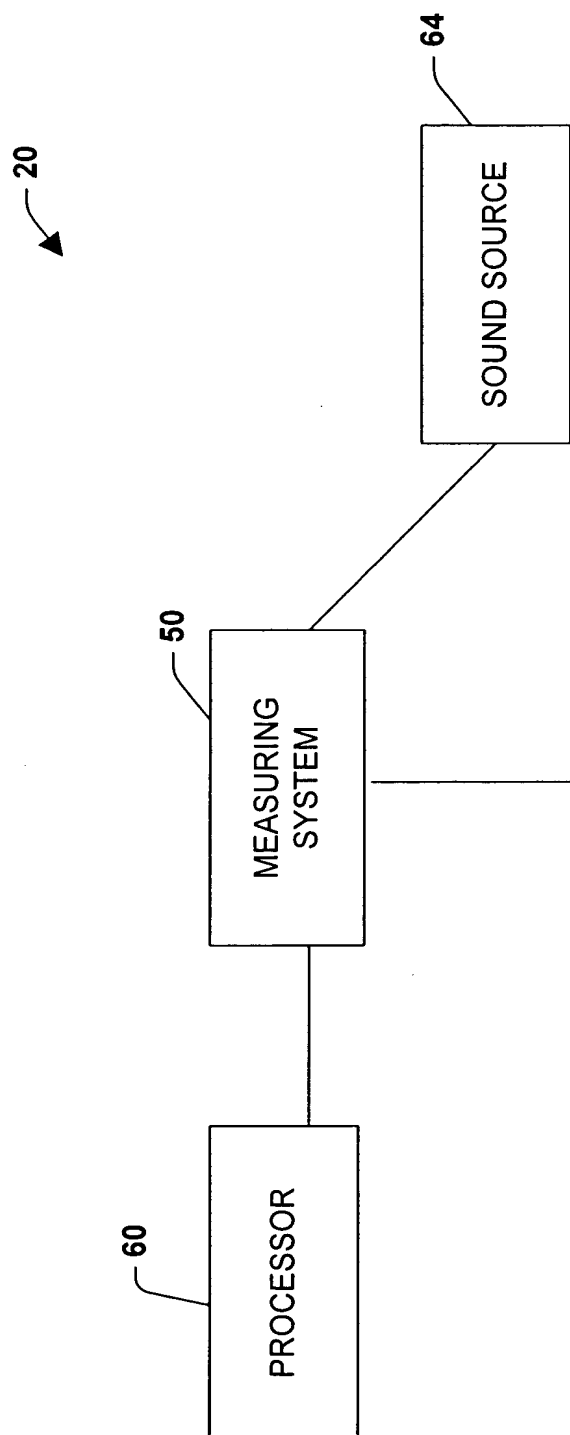
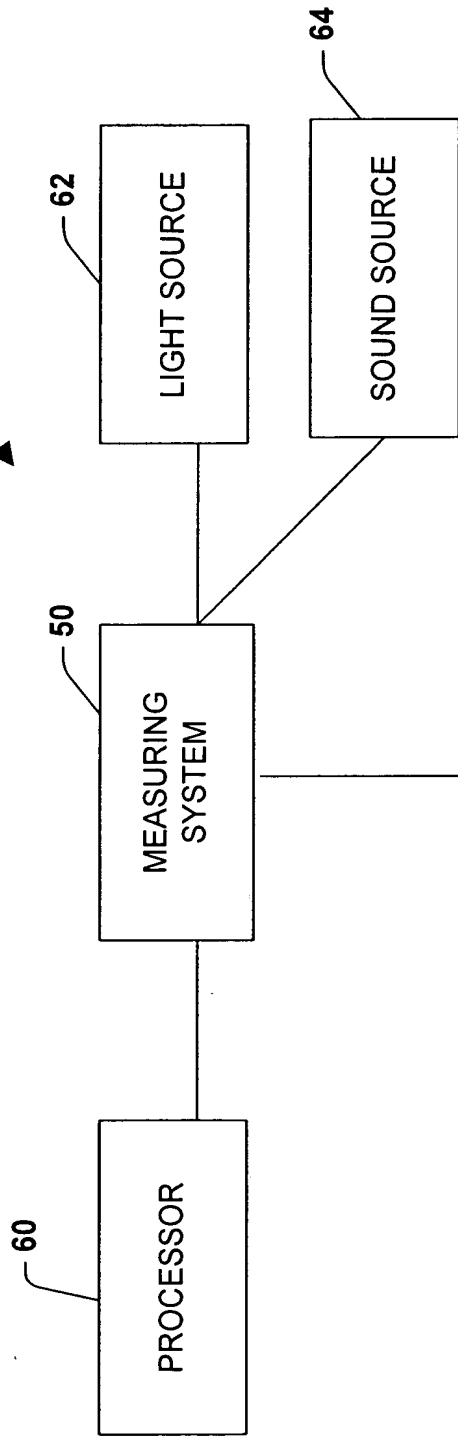


Fig. 4



**Fig. 5**



**Fig. 6**

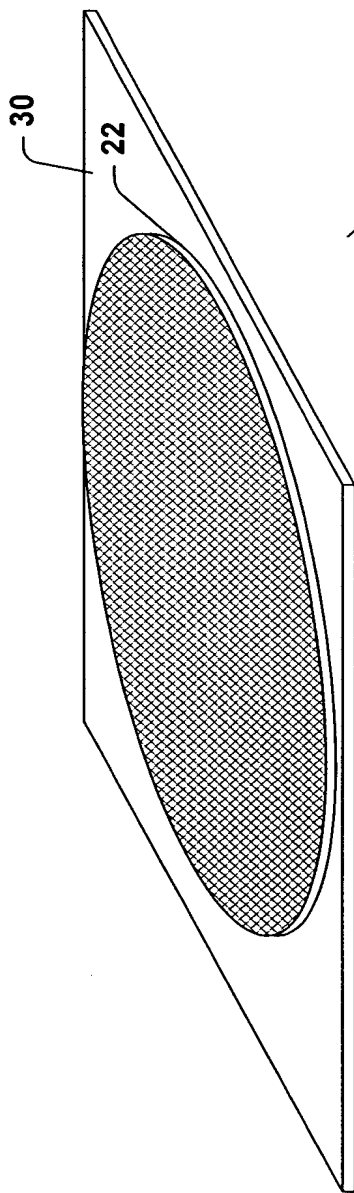


Fig. 7

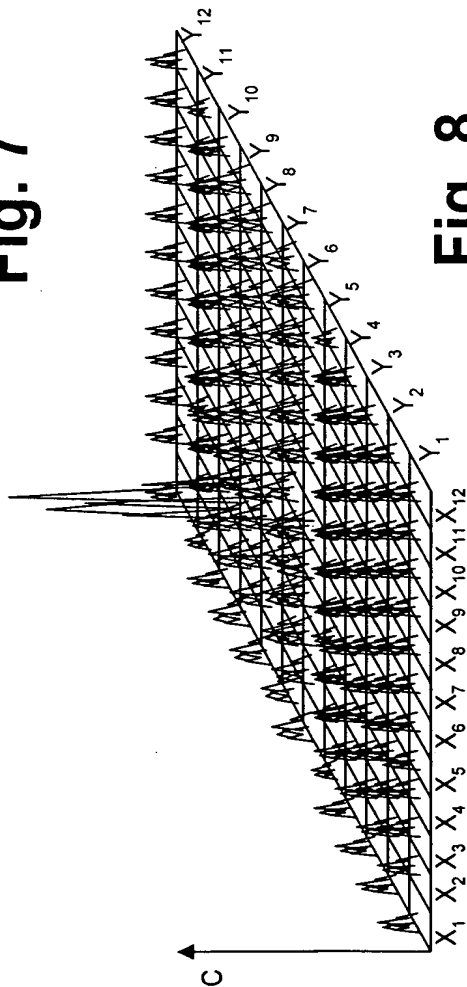
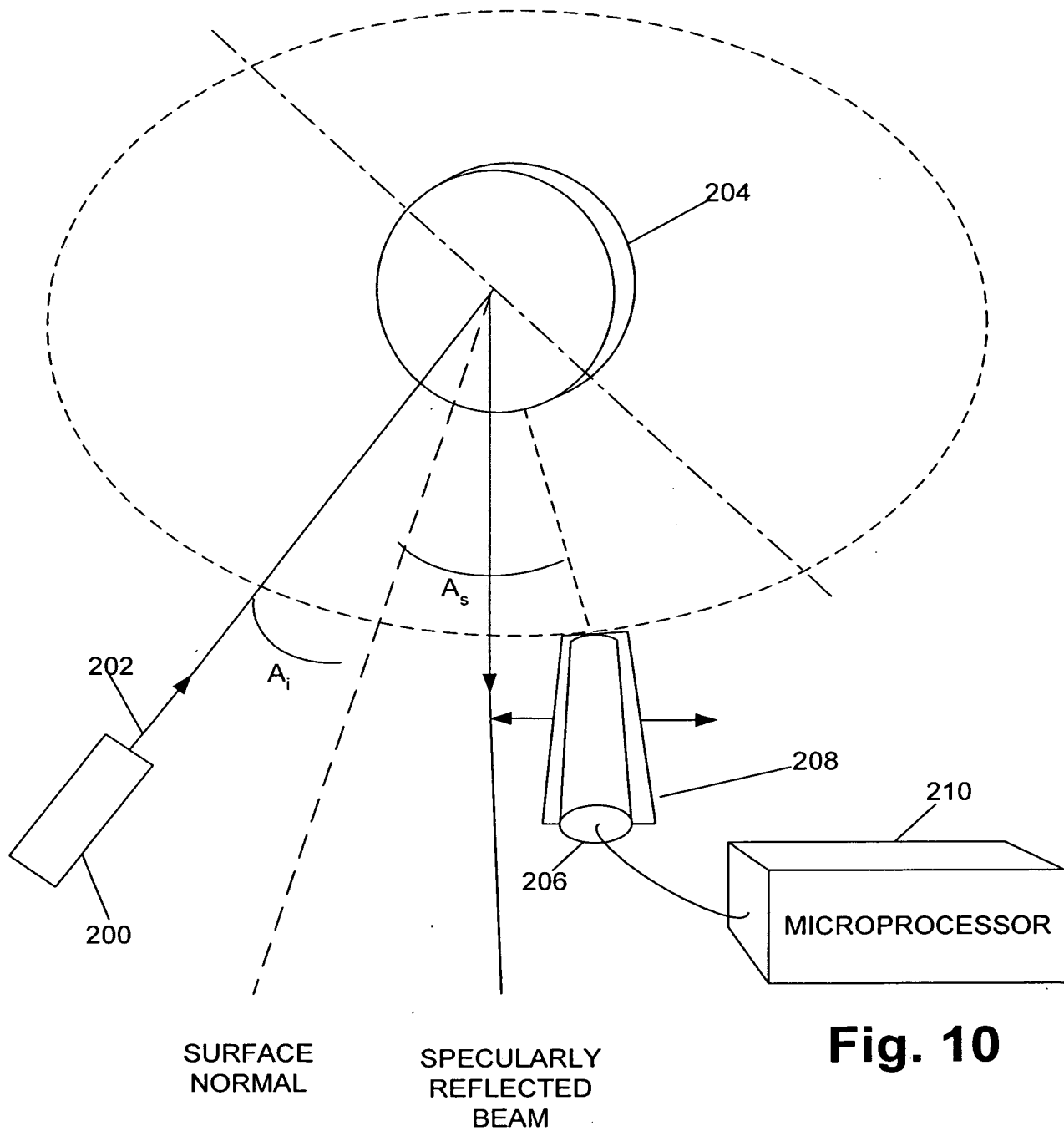


Fig. 8

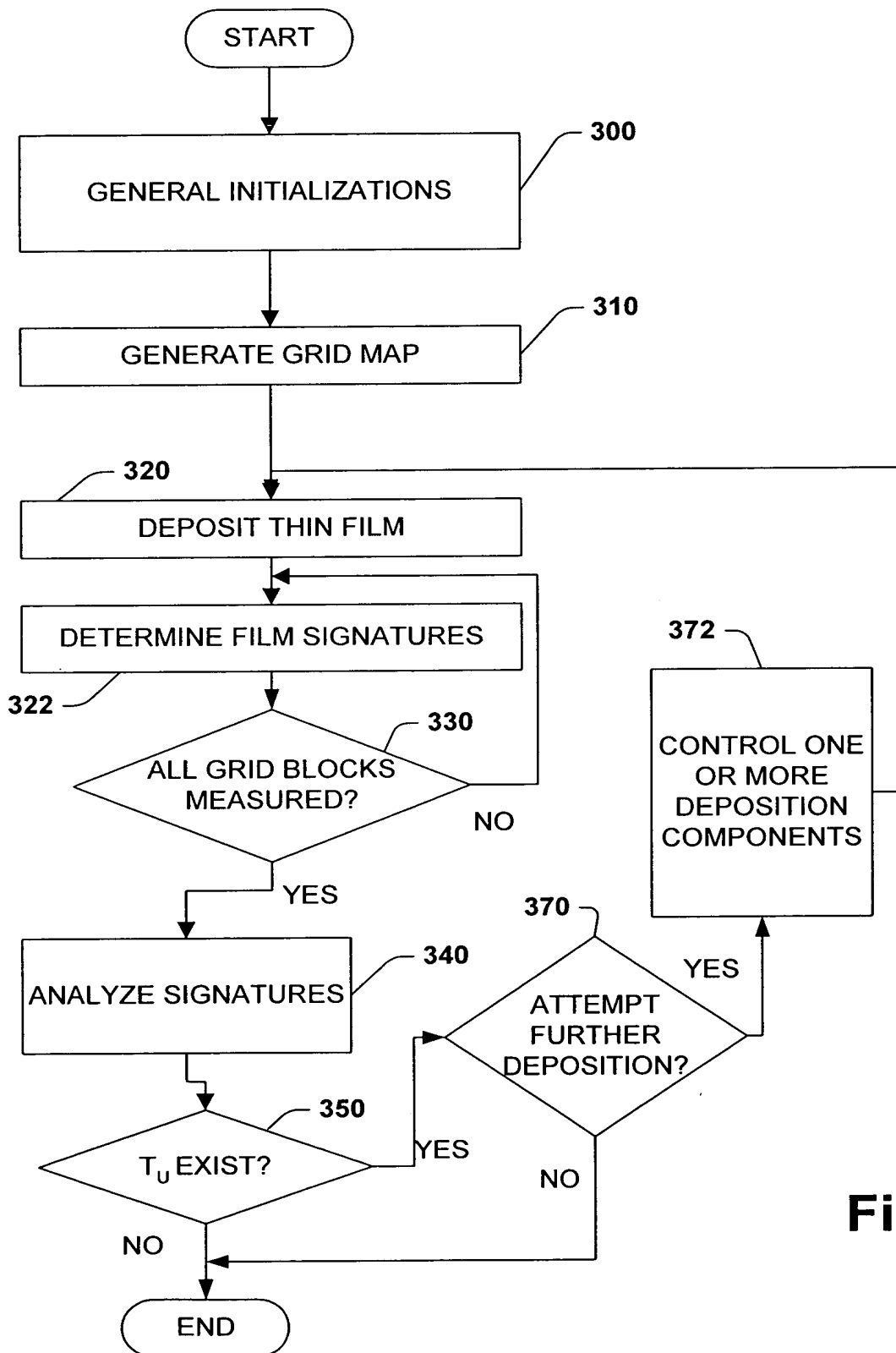
	X <sub>1</sub>	X <sub>2</sub>	X <sub>3</sub>	X <sub>4</sub>	X <sub>5</sub>	X <sub>6</sub>	X <sub>7</sub>	X <sub>8</sub>	X <sub>9</sub>	X <sub>10</sub>	X <sub>11</sub>	X <sub>12</sub>
Y <sub>1</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>2</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>3</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>4</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>5</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>6</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>7</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>8</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>9</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>10</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>11</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>
Y <sub>12</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>	T <sub>A</sub>

Fig. 9

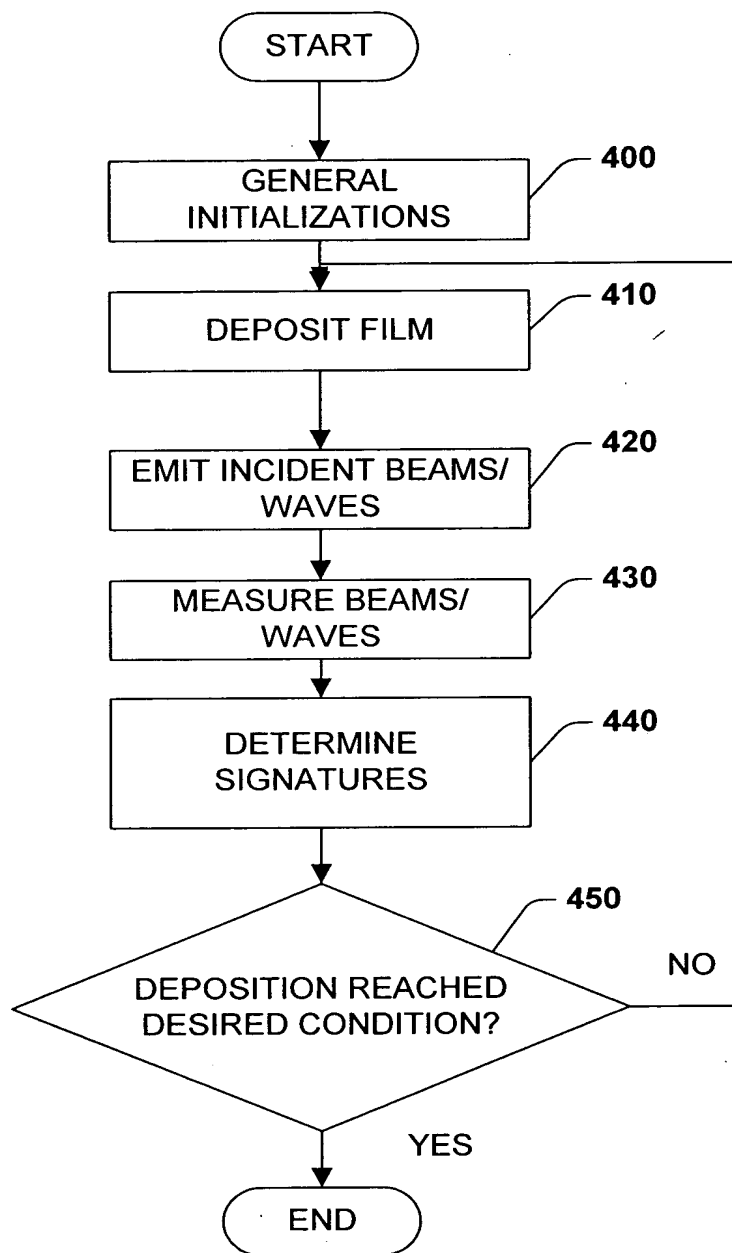


**Fig. 10**





**Fig. 11**



**Fig. 12**

FIG. 13 is a perspective view of a device 900 in a first configuration. The device 900 includes a plurality of elongated, rectangular components 906. The components 906 are arranged in a row and are connected to a common base 902. The components 906 are shown in a perspective view, with the front face of each component 906 being visible. The device 900 is shown in a perspective view, with the front face of the device 900 being visible. The device 900 is shown in a perspective view, with the front face of the device 900 being visible.

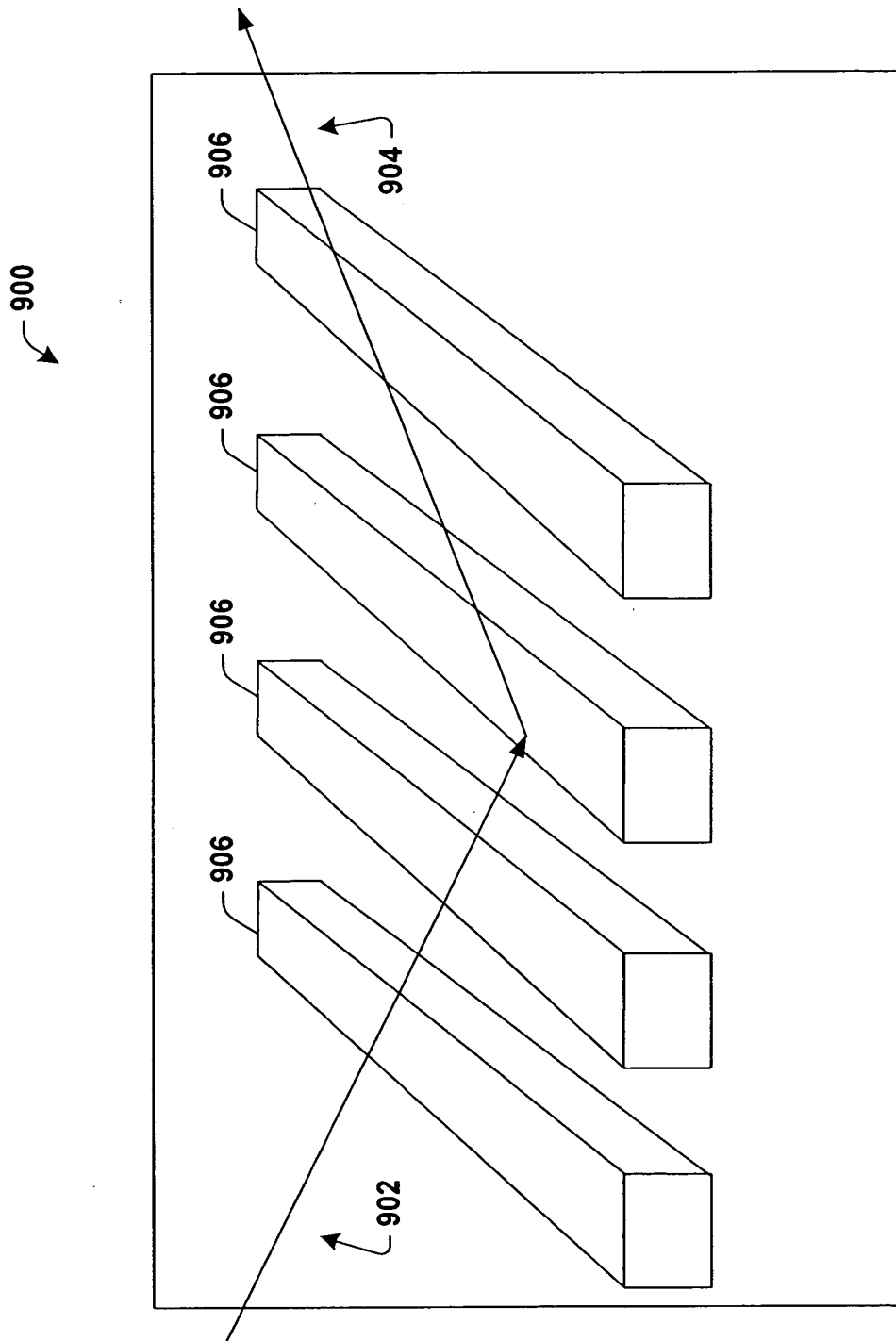


FIG. 13

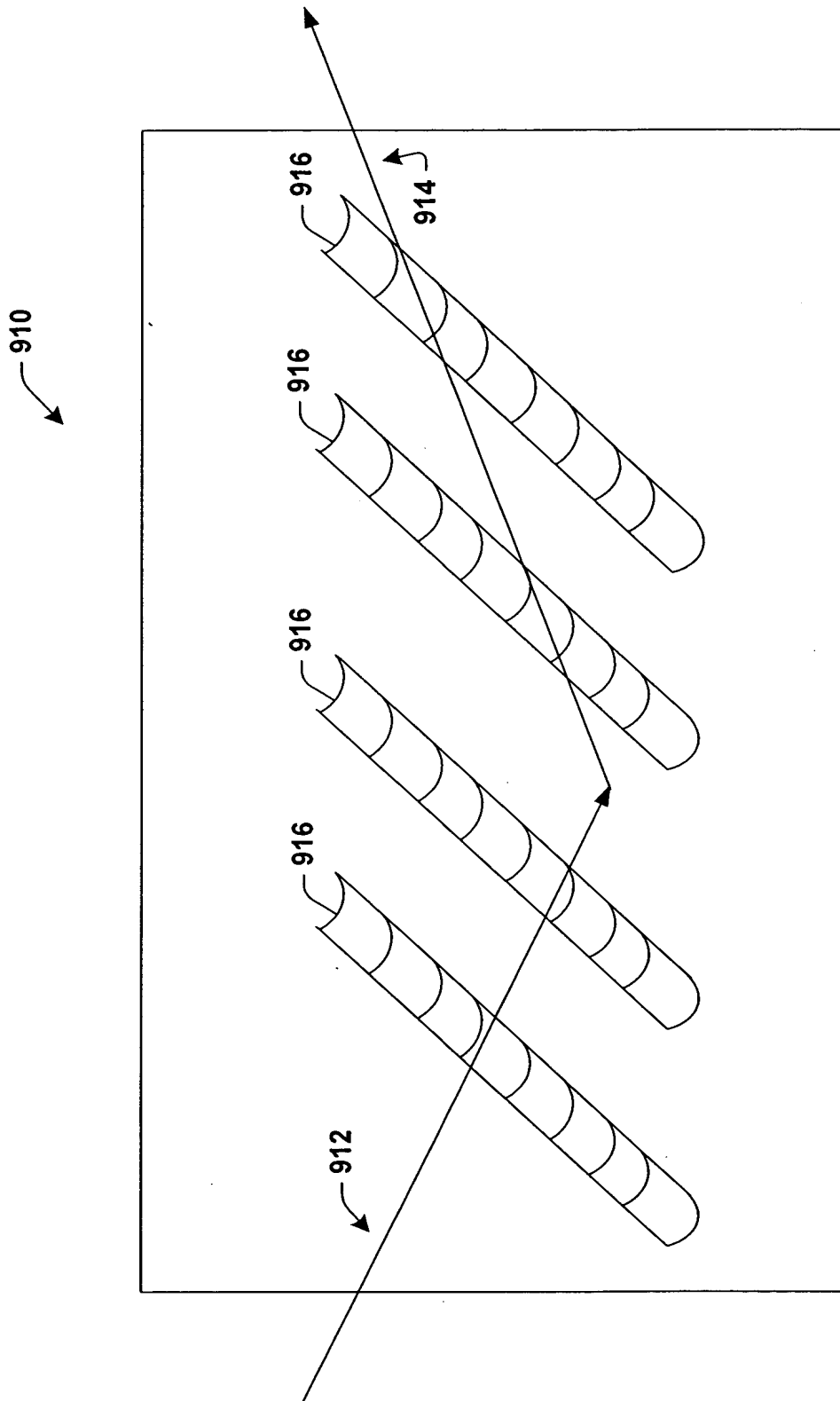


FIG. 14

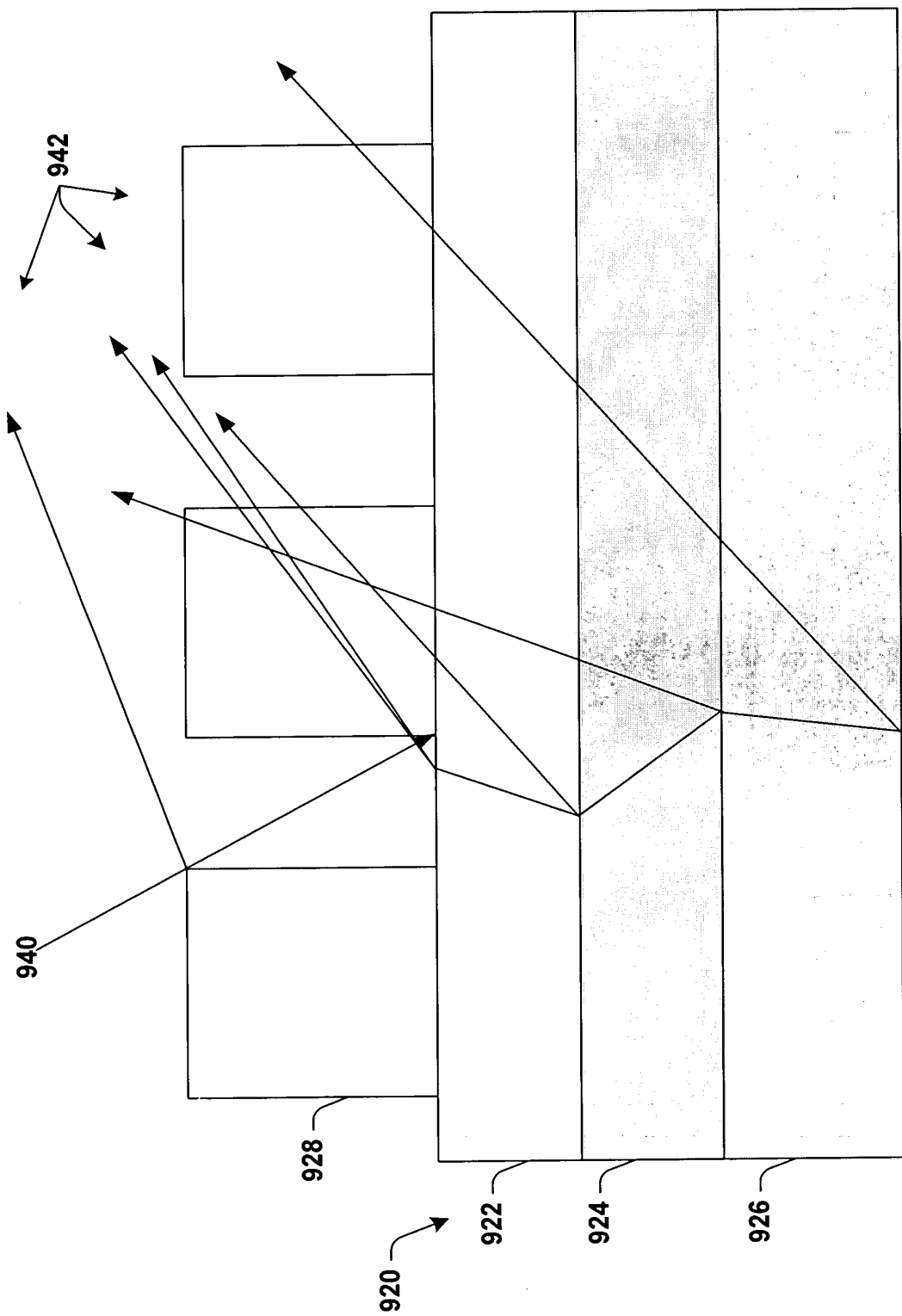
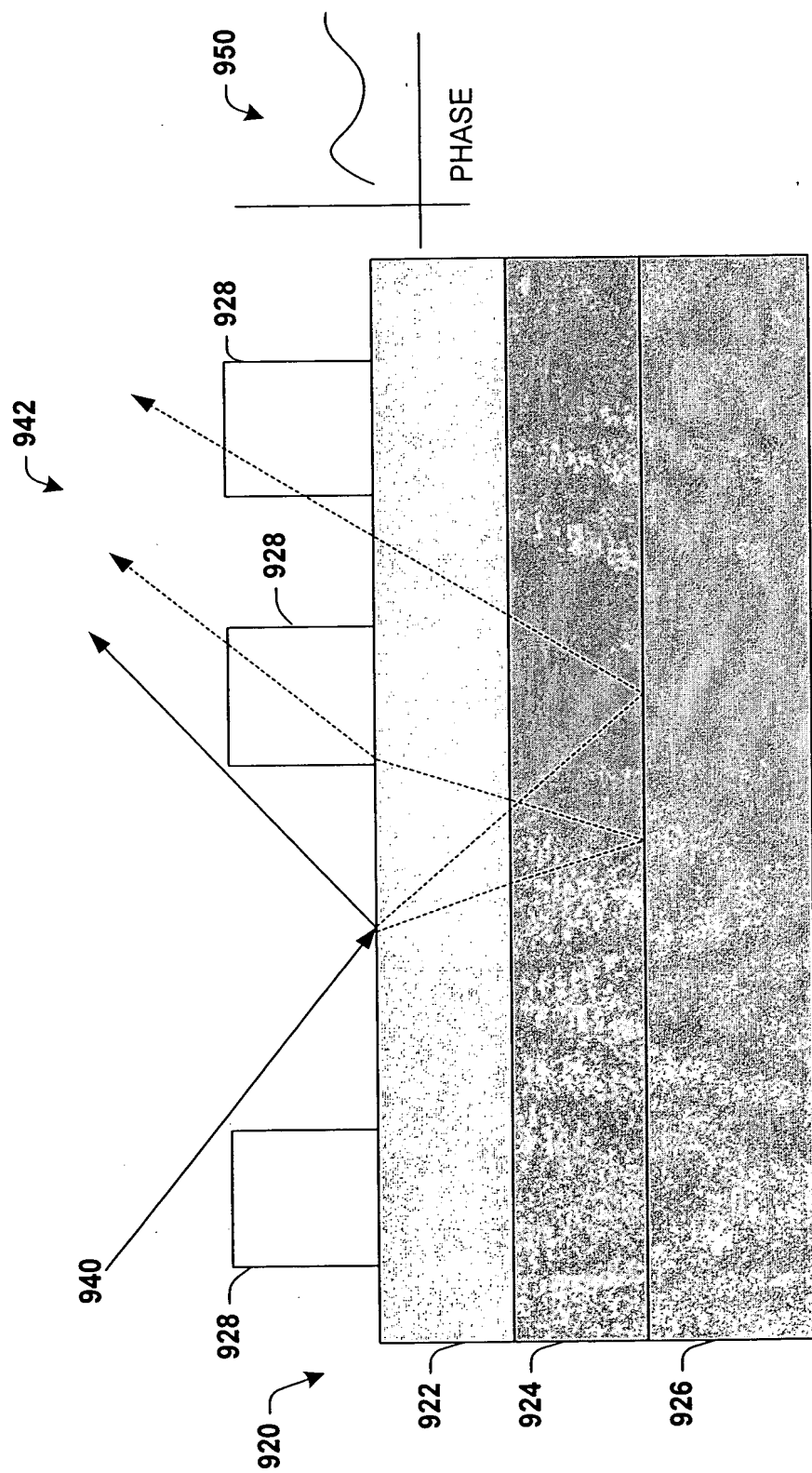
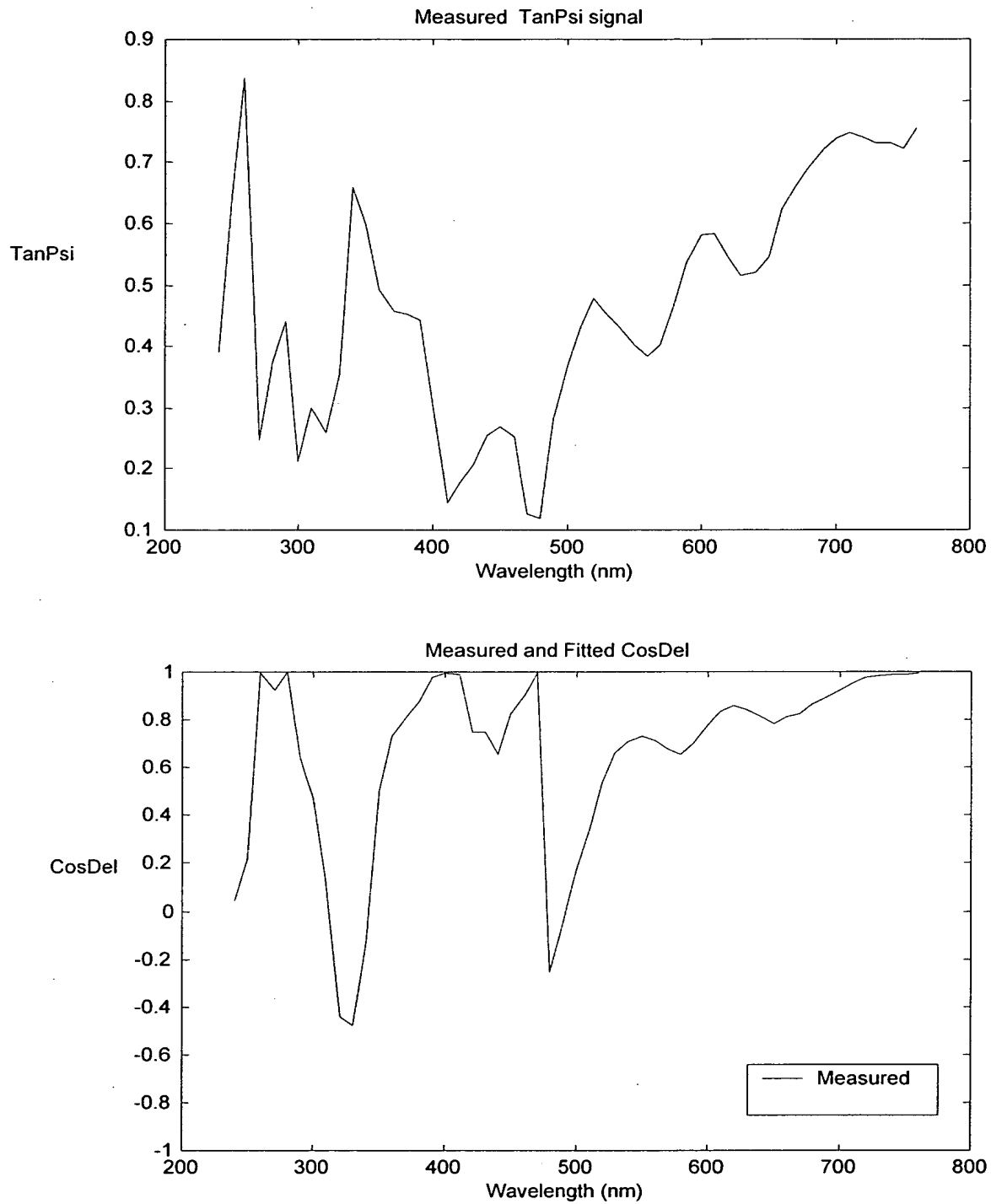


FIG. 15



**FIG. 16**





**FIG. 18**